Index of Claims

| Application No. | Applicant(s)      |  |
|-----------------|-------------------|--|
| 09/123,620      | ELFORD, HOWARD L. |  |
| Examiner        | Art Unit          |  |
| Leigh C. Maier  | 1623              |  |

| √ | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| L | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      | Date    |          |   |                                     |              |              | Claim Date |         |         |         |          |          |               |                 | CI       | aim            | Date     |          |   |       |       |            |                    |                 |           |          |          |          |          |          |          |
|----------|----------|---------|----------|---|-------------------------------------|--------------|--------------|------------|---------|---------|---------|----------|----------|---------------|-----------------|----------|----------------|----------|----------|---|-------|-------|------------|--------------------|-----------------|-----------|----------|----------|----------|----------|----------|----------|
| Final    | Original | 1/28/05 |          |   |                                     |              |              |            |         |         |         | Final    | Original |               |                 |          |                |          |          |   |       | Final | Original   |                    |                 |           |          |          |          |          |          |          |
|          | 1        | ├       | $\vdash$ |   | ├                                   | $\vdash$     | +-           | ╁          | ╁       | +       | -       |          | 51       | Н             | $\dashv$        | +        | +              | $\vdash$ | +        | +   |       |       | 101        |                    | $\dashv$        | $\dashv$  |          |          |          |          |          | $\dashv$ |
| 2        | 2        | =       |          |   | T                                   |              | T            | T          | T       | 1       | 7       |          | 52       | П             |                 | 十        | _              |          | $\neg$   |   |       |       | 102        |                    | $\neg \uparrow$ | $\neg$    |          |          |          |          | 寸        | $\neg$   |
| 3        | 3        | =       |          |   | t                                   | 1            | 1            | ╁          | ┪       | 十       |         |          | 53       | $\Box$        |                 | $\top$   | +-             | П        | $\neg$   | 十   |       |       | 103        | П                  | $\neg \vdash$   |           | コ        |          |          |          | ヿ        | ヿ        |
| 4        | 4        | =       | Ė        | _ |                                     | 一            | 1            | 十          | ✝       | $\top$  | 7::::   |          | 54       | $\Box$        | $\neg \uparrow$ | $\top$   | $\forall \neg$ | $\Box$   | $\dashv$ | $\top$                                    |       |       | 104        | П                  | $\neg$          | ┪         |          |          |          |          | 7        | ┪        |
| 5        | 5        | =       | $\vdash$ | _ |                                     | $\vdash$     | t            | 十          | 十       | ╅       | -       |          | 55       |               | $\dashv$        | $\top$   | $\top$         | 一        | +        | 1   |       |       | 105        |                    |                 | 7         |          |          |          |          | 寸        | ┪        |
| 6        | 6        | =       |          | _ | _                                   | $\vdash$     | †            | ╁╴         | 十       | ╈       | اااا    | _        | 56       |               |                 | $\top$   | +              | $\vdash$ | _        | +   |       |       | 106        | H                  |                 | 7         | $\dashv$ |          |          |          | $\dashv$ | ᅱ        |
| 7        | 7        | =       |          |   | ┢                                   | H            | T            | ╁          | 十       | 十       | 7       |          | 57       | Н             | $\vdash$        | $\top$   | +              | Н        |          | +   |       |       | 107        | Н                  | $\neg$          | ┪         | $\dashv$ | $\neg$   |          | $\dashv$ | 一        | ヿ        |
| 8        | 8        | =       | $\vdash$ |   | $\vdash$                            | H            |              | +          | ╈       | 十       | ١!!!    | $\vdash$ | 58       |               | 1               | $\dashv$ | $\top$         | H        | $\top$   | +   |       |       | 108        | $\Box$             | $\dashv$        | 7         |          |          |          |          | 寸        | $\dashv$ |
| 9        | 9        | =       | ⊢        |   | $\vdash$                            | ╁┈           | <del> </del> | ╁╌         | ╁       | +-      | ┧       |          | 59       | 1 1           |                 | +        | +-             | 1 1      | +        | 1   |       |       | 109        |                    | $\dashv$        | 7         | -        | _        |          |          | -        | ᅱ        |
| 10       | 10       | =       | ┝        | _ | ┢                                   | ┢            | +-           | ┿          | ╁       | +       | -       |          | 60       | $\vdash$      | $\dashv$        | +        | +              | $\vdash$ | $\dashv$ | ╅   |       |       | 110        | H                  | $\dashv$        | +         | $\dashv$ | $\neg$   |          | -        | 十        | $\dashv$ |
| 11       | 11       | =       | ┢        |   | ⊢                                   | ╁            | ╁            | ╁          | ╁       | +       | -       | <u> </u> | 61       | <del>  </del> |                 |          |                | $\vdash$ | -        |   |       |       | 111        | Н                  | $\dashv$        | ┪         | $\dashv$ |          | $\vdash$ | $\dashv$ | -+       | $\dashv$ |
| ├        | 12       | F       | $\vdash$ | _ | -                                   | ╁╾           | ╁╴           | ╁          | ╁       | ╁       | -       |          | 62       | Н             | +               | +        | +              | $\vdash$ | +        | +   |       |       | 112        | -                  | +               | ┥         | $\dashv$ |          |          |          | -+       | ᅱ        |
| $\vdash$ | 13       | ⊢       | -        | - | ┢                                   | -            | ┼            | ┿          | +       | +       | -       | -        | 63       | $\vdash$      | $\dashv$        | +        | +              | $\vdash$ | +        | +   |       |       | 113        | H                  | -               | -         |          | -        | -        | -        | $\dashv$ | $\dashv$ |
| 1        | 14       | =       | ├        |   | -                                   | -            | ╁            | ╫          | ┿       | +       | -       | <u> </u> | 64       | Н             | +               | +        | +              | $\vdash$ | +        | +-  |       |       | 114        | Н                  | +               | ┥         | $\dashv$ | -        | -        | $\dashv$ | -+       | $\dashv$ |
| ⊢-       | 15       | Ë       | -        |   | H                                   | -            | $\vdash$     | ╁          | ╁       | ┿       | -       |          | 65       | ┥             |                 | +        | +-             | ╂═┼      |          | +   |       |       | 115        | Н                  | -               | +         | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ | ᅱ        |
| -        |          | ├       |          | _ | H                                   | <del> </del> | ╀            | ┾          | ╀       | +       | - ::::: |          |          | $\vdash$      | -               | +        | +              | $\vdash$ | -        | +   |       |       |            | $\vdash$           | +               | $\dashv$  | -        | $\dashv$ | -        | $\dashv$ |          |          |
|          | 16       |         |          |   | <u> </u>                            | ╁            | ╀            | ╀          | ╀       | +-      | - ::::: |          | 66       | ⊢⊢            |                 |          |                | $\vdash$ | _        | +   | •     |       | 116<br>117 | $\vdash$           | $\dashv$        | ┥         |          |          | $\dashv$ | -        |          | $\dashv$ |
| <u> </u> | 17       | ├       | -        |   | _                                   | ├            | ╀            | ╄-         | ╀       | +-      |         |          | 67       | ┦             | -               |          | +-             | $\vdash$ | _        |   |       |       |            | $\dashv$           | -               | 4         | -        | $\dashv$ | -        |          |          | $\dashv$ |
|          | 18       | ├       | -        |   |                                     | ├-           | ╀            | 1-         | ╀       | +-      | 4::::   | <u> </u> | 68       |               |                 |          |                |          |          |   |       |       | 118        | $\dashv$           | +               | 4         | -        | _        | $\dashv$ | $\dashv$ | -        | -        |
| <u> </u> | 19       | ⊢       | $\vdash$ |   | _                                   | ├-           | ╀-           | <u> </u>   | ╀       | 4-      | 4       | <u> </u> | 69       | <del>  </del> | -               | +        | -              |          |          |   | ::::: |       | 119        | -                  | -               | 4         | 4        | -        | $\dashv$ | -        | -        | -        |
| ļ        | 20       |         | _        |   | <u> </u>                            | ┡            | ╄            | ↓_         | ╀       | $\bot$  | 4       |          | 70       | $\sqcup$      | $\dashv$        | +        | ┿-             | $\sqcup$ | _        | $\perp$                                   |       |       | 120        | $\Box$             | -               | 4         |          |          | _        | $\dashv$ | -        | 4        |
| <u> </u> | 21       | _       |          |   | _                                   | _            | ╄            | ↓          | ╄       | $\bot$  | 4       | L        | 71       | $\sqcup$      |                 |          |                |          |          | 4   |       |       | 121        | $\Box$             | _               | 4         | _        | 4        |          | _        | 4        | _        |
| <u></u>  | 22       | L.      | Ш        |   | L_                                  | <u> </u>     | ╙            | 1_         | 1       | 4       | 4       |          | 72       | $\sqcup$      | _               | _        |                |          |          | Ш   |       |       | 122        |                    |                 | 4         | _        | _        |          | _        | _        | _        |
| <u> </u> | 23       |         |          |   |                                     | _            | ↓_           | <u> </u>   | 1       | 4_      | 4       |          | 73       |               |                 | 4        |                |          |          | $\perp$                                   |       |       | 123        |                    |                 | _         | _        | _        |          | _        | 4        | _        |
|          | 24       | _       |          |   | L                                   | L            | ot           | 1          | L       | $\perp$ | _       |          | 74       | Ш             |                 | $\perp$  |                |          | $\perp$  | $\perp$                                   |       |       | 124        |                    |                 | 4         | _        |          |          | _        | $\dashv$ | _        |
|          | 25       | L.      |          |   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _            | ╙            | _          | L       | _       | _       |          | 75       | Ш             |                 |          |                | Ш        |          |   |       |       | 125        |                    |                 | _         | _        | _        |          | _        | _        | _        |
|          | 26       |         |          |   | <u> </u>                            | L            | <u> </u>     | <u> </u>   | L       | $\perp$ | _       |          | 76       | Ш             |                 | $\perp$  |                | $\sqcup$ |          |   |       |       | 126        | $\Box$             |                 | _         | _        | _        |          | _        | _        | _        |
| L        | 27       |         |          |   | _                                   | L            | L            | ┖          | L       | 1       | _       |          | 77       |               |                 | $\perp$  | $\perp$        |          |          | Ш   |       |       | 127        |                    |                 | ┙         | _        | _        |          | _        | _        | _        |
| <u> </u> | 28       | <u></u> |          |   | <u></u>                             |              | <u> </u>     | <u> </u>   | L       | ᆚ       | _       |          | 78       | Ш             |                 | ᆚ        |                |          |          | Ц.,                                       |       |       | 128        |                    | $\perp$         | _         | _        | _        |          | _        | _        | _        |
|          | 29       |         |          |   | <u>_</u>                            | _            | L            | L          | L       | $\perp$ | _       |          | 79       |               |                 | $\perp$  |                | Ш        |          |   | ::::: |       | 129        |                    |                 | 1         |          |          |          |          |          | ╝        |
|          | 30       |         |          |   | 匚                                   | L            | L            |            | L       |         | _       |          | 80       |               |                 |          | $\perp$        | Ш        | $\perp$  | $\perp$                                   |       |       | 130        |                    |                 | ┙         |          | $\Box$   |          |          | _        | $\Box$   |
|          | 31       | L       |          |   | L                                   | L            | L            |            | ┖       | $\perp$ | _       |          | 81       | Ш             |                 |          |                |          |          |   |       |       | 131        |                    |                 | _         |          | $\Box$   |          |          | $\perp$  | _        |
|          | 32       | L       |          |   | L                                   |              | L            |            | $\perp$ | ┸       | _       |          | 82       | $\sqcup$      |                 |          |                |          |          |   |       |       | 132        |                    |                 | _         | _        |          |          |          |          | _        |
|          | 33       |         |          |   | L                                   | $oxed{oxed}$ | L            |            |         | $\perp$ |         |          | 83       | Ш             | 丄               |          | 丄              |          |          |   |       |       | 133        |                    |                 | ┙         |          |          |          |          |          | ╧        |
|          | 34       | 匚       |          |   | L                                   | L            | L            |            | L       |         | _       |          | 84       | Ш             |                 |          |                |          |          |   |       |       | 134        | $\Box$             |                 |           |          |          | ]        |          |          | ╝        |
| لــــــا | 35       | L       |          |   | <u> </u>                            | L            | _            |            | L       | ┸       |         |          | 85       | Ш             |                 |          |                |          |          | $oldsymbol{oldsymbol{oldsymbol{\sqcup}}}$ |       |       | 135        | $oxedsymbol{oxed}$ |                 | $\perp$   |          |          | ]        | [        | $\perp$  | _        |
|          | 36       |         |          |   | 匚                                   |              |              | 乚          | L       |         |         |          | 86       |               |                 |          |                |          |          |   |       |       | 136        |                    |                 | ┙         |          |          |          | $\perp$  | $\perp$  | ╝        |
|          | 37       |         |          |   | L                                   |              | L            |            | L       | $\perp$ |         |          | 87       |               |                 | $\perp$  | $\perp$        |          |          | Ш   |       |       | 137        |                    | Ŀ               | _         |          |          |          |          |          |          |
|          | 38       |         |          |   |                                     |              |              |            |         |         |         |          | 88       |               |                 |          |                |          |          |   |       |       | 138        |                    |                 |           |          |          |          |          |          |          |
|          | 39       |         |          |   |                                     |              |              |            | Γ       |         |         |          | 89       |               |                 |          | T              |          |          |   |       |       | 139        |                    |                 |           |          |          |          |          |          |          |
|          | 40       |         |          |   |                                     |              |              |            | Т       | Т       |         |          | 90       | П             |                 | Т        | T              | П        | Т        |   |       |       | 140        |                    |                 | ٦         |          |          |          |          |          |          |
|          | 41       |         |          |   |                                     |              |              |            | Γ       | Τ       |         |          | 91       |               |                 | T        |                | П        | $\neg$   |   |       |       | 141        |                    |                 | 1         |          |          |          | $\Box$   | $\Box$   |          |
|          | 42       |         |          |   |                                     |              |              | Ι          | Γ       |         | 7::::   |          | 92       |               |                 | $\top$   | T              | П        |          | $\top$                                    |       |       | 142        |                    |                 | 7         |          | ヿ        |          |          | ╗        | $\Box$   |
|          | 43       |         |          |   |                                     |              |              |            |         |         |         |          | 93       |               |                 | $\top$   | T              |          |          | $\top$                                    |       |       | 143        |                    |                 | ╗         |          | 寸        |          |          |          | $\Box$   |
|          | 44       |         |          |   |                                     | П            | Π            | Г          | Τ       | Т       |         |          | 94       |               | $\neg$          | $\top$   |                |          |          | $\top$                                    |       |       | 144        |                    |                 | ┪         | $\neg$   | $\neg$   |          | 7        |          | $\neg$   |
|          | 45       |         |          |   |                                     |              |              | Г          | Т       | Т       | 7       |          | 95       | П             | $\neg$          | $\top$   | 1              |          |          | $\top$                                    |       |       | 145        |                    | $\neg$          | $\exists$ | 寸        |          |          | $\dashv$ | 寸        | ヿ        |
|          | 46       |         |          |   | T -                                 | i –          | Τ            |            | T       | T       | 7::::   |          | 96       | П             | •               | $\top$   | 7              |          | $\dashv$ | 77  |       |       | 146        |                    |                 | 7         | . 1      | $\neg$   |          | 寸        |          | ヿ        |
|          | 47       |         |          | _ |                                     | Г            | T            | 1          | T       | 1       |         |          | 97       | П             | $\neg$          | 丁        | T              | $\Box$   |          | $\top$                                    |       |       | 147        |                    | _               | ┪         | $\neg$   | 寸        |          | 7        | $\dashv$ | ヿ        |
|          | 48       |         |          |   |                                     |              | Т            | T          | Τ       | $\top$  |         |          | 98       | П             | $\neg$          | 十        | 十              |          | $\dashv$ | $\forall$                                 |       |       | 148        |                    | $\neg$          | ヿ         | $\dashv$ | 一        | $\dashv$ | $\dashv$ | 寸        | $\dashv$ |
|          | 49       |         |          |   |                                     | Г            | T            | 1          | T       | 1       | 1       |          | 99       | П             | $\neg$          | $\top$   | 1              |          | 十        | $\top$                                    |       |       | 149        | $\dashv$           | $\neg$          | ┪         | $\dashv$ | 寸        | 一        | $\dashv$ | 寸        | $\dashv$ |
|          | 50       |         |          |   |                                     | Π            | T            | T          | T       | 1       | 1       |          | 100      | П             | 十               | 十        | 1              | $\sqcap$ | 十        | 77  |       |       | 150        |                    | $\top$          | ヿ         | $\dashv$ |          | 寸        | $\dashv$ | 寸        | ヿ        |
|          |          | _       |          |   |                                     | _            |              | _          |         |         |         |          |          |               |                 |          |                |          |          |   |       |       |            |                    |                 |           |          |          |          |          |          |          |